```
Welcome to STN International! Enter x:x
LOGINID: SSPTAJDA1614
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2
* * * * * * * * * * Welcome to STN International
                                                  * * * * * * * * * *
NEWS 1
                 Web Page for STN Seminar Schedule - N. America
NEWS 2 NOV 21
                CAS patent coverage to include exemplified prophetic
                 substances identified in English-, French-, German-,
                 and Japanese-language basic patents from 2004-present
NEWS 3 NOV 26 MARPAT enhanced with FSORT command
NEWS 4 NOV 26 CHEMSAFE now available on STN Easy
NEWS 5 NOV 26 Two new SET commands increase convenience of STN
                 searching
NEWS 6 DEC 01
                ChemPort single article sales feature unavailable
NEWS 7 DEC 12 GBFULL now offers single source for full-text
                 coverage of complete UK patent families
NEWS 8 DEC 17
                 Fifty-one pharmaceutical ingredients added to PS
NEWS 9 JAN 06 The retention policy for unread STNmail messages
                 will change in 2009 for STN-Columbus and STN-Tokyo
NEWS 10 JAN 07 WPIDS, WPINDEX, and WPIX enhanced Japanese Patent
                 Classification Data
NEWS 11 FEB 02 Simultaneous left and right truncation (SLART) added
                 for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS 12 FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 13 FEB 06 Patent sequence location (PSL) data added to USGENE
NEWS 14 FEB 10 COMPENDEX reloaded and enhanced
NEWS 15 FEB 11 WTEXTILES reloaded and enhanced
NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
             AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.
NEWS HOURS
              STN Operating Hours Plus Help Desk Availability
NEWS LOGIN
             Welcome Banner and News Items
NEWS IPC8
              For general information regarding STN implementation of IPC 8
Enter NEWS followed by the item number or name to see news on that
specific topic.
 All use of STN is subject to the provisions of the STN Customer
 agreement. Please note that this agreement limits use to scientific
 research. Use for software development or design or implementation
 of commercial gateways or other similar uses is prohibited and may
 result in loss of user privileges and other penalties.
```

=> file registry
COST IN U.S. DOLLARS SINCE FILE
ENTRY

TOTAL.

SESSION

FILE 'HOME' ENTERED AT 09:43:42 ON 18 FEB 2009

FULL ESTIMATED COST 0.22 0.22

FILE 'REGISTRY' ENTERED AT 09:44:00 ON 18 FEB 2009 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2009 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 FEB 2009 HIGHEST RN 1107694-62-1 DICTIONARY FILE UPDATES: 17 FEB 2009 HIGHEST RN 1107694-62-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting ${\tt SmartSELECT}$ searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating valiability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

```
=> E "TENATOPRAZOLE"/CN 25
E1
                   1 TENATE/CN
                     1
                                TENATHAN/CN
E2
                     1 --> TENATOPRAZOLE/CN
E3
                   1 --> TENATOPRAZOLE/CN
1 TENATOPRAZOLE CALCIUM/CN
1 TENATOPRAZOLE LITHIUM/CN
1 TENATOPRAZOLE LITHIUM/CN
1 TENATOPRAZOLE MAGNESIUM/CN
1 TENATOPRAZOLE SOUIDH/CN
1 TENATOPRAZOLE SOUIDH/CN
1 TENATOPRAZOLE SOUIDH/CN
1 TENAX (POLYESTER)/CN
1 TENAX (POLYESTER)/CN
1 TENAX (POLYESTER)/CN
1 TENAX (POLYESTER)/CN
1 TENAX 300/CN
1 TENAX 3101/CN
1 TENAX 3101/CN
E4
E5
E6
E7
E8
E9
E10
E11
E12
E13
E14
E15
E16
                    1
                              TENAX 424/CN
                             TENAX 428/CN
TENAX 452/CN
E17
                    1
E18
                    1
                              TENAX 5001/CN
E19
                    1
E20
                    1
                              TENAX 5N21/CN
E21
                    1
                               TENAX F 201/CN
E22
                     1
                               TENAX GC/CN
                     1
                               TENAX GC 80/100/CN
E23
                               TENAX GR/CN
E24
                     1
E25
                               TENAX H/CN
                      1
```

=> S E3

1 TENATOPRAZOLE/CN

=> DIS L1 1 SQIDE

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 113712-98-4 REGISTRY

CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethy1-2-

pyridinyl)methyl]sulfinyl]- (CA INDEX NAME)

- OTHER CA INDEX NAMES:
- 1H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethy1-2pvridinvl)methvl|sulfinvl|- (9CI)

OTHER NAMES:

- CN (±)-Tenatoprazole
- CN 5-Methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-1Himidazo[4,5-b]pyridine
- CN 5-Methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridyl)methyl]sulfinyl]-1Himidazo[4,5-b]pyridine
- CN Tenatoprazole CN
 - TU 199
- MF C16 H18 N4 O3 S
- CI COM
- SR CA
- LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CSCHEM, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, PHAR, PROMT, PROUSDDR, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
- DT.CA Caplus document type: Journal; Patent
- Roles from patents: ANST (Analytical study); BIOL (Biological study); RL.P PREP (Preparation); PROC (Process); PRP (Properties); PRPH (Prophetic); RACT (Reactant or reagent); USES (Uses)
- RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
- Roles from non-patents: ANST (Analytical study); BIOL (Biological RI..NP study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

- **PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**
 - 150 REFERENCES IN FILE CA (1907 TO DATE)
 - 13 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 - 151 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- => s e3 or e4 or e5 or e6 or e7 or e8
 - 1 TENATOPRAZOLE/CN
 - 1 "TENATOPRAZOLE CALCIUM"/CN
 - 1 "TENATOPRAZOLE LITHIUM"/CN
 - 1 "TENATOPRAZOLE MAGNESIUM"/CN
 - 1 "TENATOPRAZOLE POTASSIUM"/CN
 - 1 "TENATOPRAZOLE SODIUM"/CN
 - 6 TENATOPRAZOLE/CN OR "TENATOPRAZOLE CALCIUM"/CN OR "TENATOPRAZOLE LITHIUM"/CN OR "TENATOPRAZOLE MAGNESIUM"/CN OR "TENATOPRAZOLE POTASSIUM"/CN OR "TENATOPRAZOLE SODIUM"/CN
- => E "CELECOXIB"/CN 25
- E1 1 CELEC K/CN
- E2 1 CELECOX/CN
- E3 1 --> CELECOXIB/CN

```
1
                  CELECOXIB CALCIUM/CN
E5
             1
                  CELECOXIB LITHIUM/CN
E6
                  CELECOXIB POTASSIUM/CN
             1
E7
                  CELECOXIB SODIUM/CN
             1
ER
            1
                  CELECOXIB SODIUM HYDRATE/CN
E9
                  CELECT AMINE/CN
            1
E10
                 CELECT H 150/CN
            1
E11
            1
                 CELECT H 75/CN
                  CELECT P 175/CN
E12
            1
E13
            1
                  CELECT-P 1/CN
E14
            1
                  CELECTOL/CN
E15
            1
                  CELEKA/CN
E16
            1
                  CELELLOSE/CN
E17
            1
                  CELEMIC/CN
E18
            1
                  CELENAMIDE A/CN
E19
                  CELENAMIDE B/CN
            1
E20
                  CELENAMIDE C/CN
            1
                  CELENAMIDE D/CN
E21
            1
                  CELENAMIDE E/CN
E22
             1
E23
             1
                  CELENAR/CN
             1
                  CELENE DFD 6001/CN
E24
E25
             1
                  CELENE DFD 6005/CN
=> S E3
             1 CELECOXIB/CN
=> DIS L3 1 SOIDE
    ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN
     169590-42-5 REGISTRY
CN
     Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-
     yl]- (CA INDEX NAME)
OTHER NAMES:
   4-[5-(4-Methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-
     vllbenzenesulfonamide
CN
    Celebra
CN
    Celebrex
CN
    Celecox
CN
    Celecoxib
CN
    Celocoxib
    SC 58635
CN
CN
    YM 177
DR
    184007-95-2, 194044-54-7
MF
    C17 H14 F3 N3 O2 S
CI
     COM
SR
     US Adopted Names Council (USAN)
LC
     STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO,
       CA, CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU,
       DRUGU, EMBASE, HSDB*, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSPRODUCT,
       IMSRESEARCH, IPA, MEDLINE, MRCK*, MSDS-OHS, PATDPASPC, PHAR, PROMT, PROUSDDR, PS, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
         (*File contains numerically searchable property data)
       CAplus document type: Book; Conference; Dissertation; Journal; Patent
       Roles from patents: ANST (Analytical study); BIOL (Biological study);
       PREP (Preparation); PROC (Process); PRP (Properties); PRPH (Prophetic);
       RACT (Reactant or reagent); USES (Uses)
       Roles for non-specific derivatives from patents: ANST (Analytical
```

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT

(Properties); USES (Uses)

study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP

(Reactant or reagent); USES (Uses)

RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3310 REFERENCES IN FILE CA (1907 TO DATE)

78 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

3330 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s e3 or e4 or e5 or e6 or e7 or e8

1 CELECOXIB/CN

- 1 "CELECOXIB CALCIUM"/CN
- 1 "CELECOXIB LITHIUM"/CN
- 1 "CELECOXIB POTASSIUM"/CN
- 1 "CELECOXIB SODIUM"/CN 1 "CELECOXIB SODIUM HYDRATE"/CN
- 6 CELECOXIB/CN OR "CELECOXIB CALCIUM"/CN OR "CELECOXIB LITHIUM"/CN OR "CELECOXIB POTASSIUM"/CN OR "CELECOXIB SODIUM"/CN OR "CELECO

80.92

81.14

XIB SODIUM HYDRATE"/CN

=> file medline caplus wpids uspatfull

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION

FILE 'MEDITNE' ENTERED AT 09:46:28 ON 18 FEB 2009

FILE 'CAPLUS' ENTERED AT 09:46:28 ON 18 FEB 2009
USE IS SUBJECT TO THE TERMS OF YOUR SIN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 09:46:28 ON 18 FEB 2009 COPYRIGHT (C) 2009 THOMSON REUTERS

FILE 'USPATFULL' ENTERED AT 09:46:28 ON 18 FEB 2009
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 12 and 14

FULL ESTIMATED COST

L4

L5 10 L2 AND L4

=> d 15 1-10 ibib, abs, hitstr

L5 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1282007 CAPLUS

DOCUMENT NUMBER: 149:478750

TITLE: Niacin-based pharmaceutical compositions

INVENTOR(S): Hight, H. Thomas
PATENT ASSIGNEE(S): USA

SOURCE: PCT Int. Appl., 31pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA:	PATENT NO.				KIND DATE			APPLICATION NO.						DATE			
						-											
WO	2008	1278	93		A1		2008	20081023		WO 2	008-	US59	425		2	0800	404
	W:	ΑE,	AG,	AL,	AM,	AO,	AT,	AU,	AZ,	BA,	BB,	BG,	BH,	BR,	BW,	BY,	ΒZ,
		CA,	CH,	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,
		FI,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,
		KG,	KM,	KN,	KP,	KR,	KZ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,
		ME,	MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,
		PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	TJ,	TM,
		TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW			
	RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HR,	HU,
		IE,	IS,	IT,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,
		TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,
		TG,	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,
		AM,	AZ,	BY,	KG,	KZ,	MD,	RU,	TJ,	TM							
PRIORIT:	Y APP	LN.	INFO	. :						US 2	007-	9217	27P	1	P 2	0070	404
										US 2	008-	1130	2P	1	P 2	0080	116
										US 2	-800	6348	4P	1	P 2	0080	204
										US 2	-800	7248	9P	1	P 2	0080	331
PRIORITY		TN, AT, IE, TR, TG, AM,	TR, BE, IS, BF, BW, AZ,	TT, BG, IT, BJ, GH, BY,	TZ, CH, LT, CF, GM,	UA, CY, LU, CG, KE,	UG, CZ, LV, CI, LS,	US, DE, MC, CM, MW,	UZ, DK, MT, GA, MZ, TJ,	VC, EE, NL, GN, NA, TM US 2 US 2 US 2	VN, ES, NO, GQ, SD, 007- 008-	ZA, FI, PL, GW, SL, 9217 1130 6348	ZM, FR, PT, ML, SZ, 27P 2P 4P	ZW GB, RO, MR, TZ,	GR, SE, NE, UG,	HR, SI, SN, ZM, 0070	HU, SK, TD, ZW, 404 116 204

- The disclosure relates generally to miacin-based pharmaceutical compns. AB that include at least one pharmaceutical agent capable of treating a niacin-induced side effect, such as flushing, hyperglyceremia, pruritis, a gastrointestinal side effect and hyperuricemia. Accordingly, one aspect of this disclosure is a pharmaceutical composition for delivering miacin to a patient in need thereof, wherein the composition comprises a therapeutic dose of niacin and a therapeutically ED of at least one pharmaceutical agent capable of reducing an adverse side-effect of niacin in the patient, and wherein the pharmaceutical agent is delivered to the patient jointly with the niacin, preferably as a single dosage pill or tablet. Thus, 13 patients, who initiated sustained-release niacin therapy using 81 mg of aspirin for prevention of flushing, continued to have debilitating flushing. They were then treated with a more potent NSAID, together with a proton pump inhibitor (PPI) to prevent gastrointestinal (GI) complications. Instead of aborting their niacin therapy, 12 patients were able to continue. The flushing was abolished or was made tolerable, with no NSAID-related GI complications.
- IT 113712-98-4, Tenatoprazole 169590-42-5, Celecoxib Ri: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(compns. for niacin therapy comprising agents capable of reducing niacin-induced side effects)

RN 113712-98-4 CAPLUS

CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]gulfinyl]- (CA INDEX NAME)

RN 169590-42-5 CAPLUS
CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]- (CA INDEX NAME)

REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1278424 CAPLUS

DOCUMENT NUMBER: 149:471483

TITLE: Preparation of deuterium enriched tenatoprazole

derivatives as proton pump modulators
INVENTOR(S): Gant, Thomas G.; Sarshar, Sepehr

PATENT ASSIGNEE(S): Auspex Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 107pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT NO.				KIN	D	DATE		APPLICATION NO.						DATE			
WO	WO 2008127640 WO 2008127640				A2 A3		2008 2008			WO 2					20080411			
	W:	ΑE,	AG,	AL,	AM,	AO,	AT,	AU,	AZ,	BA,	BB,	BG,	BH,	BR,	BW,	BY,	BZ,	
		CA,	CH,	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,	
		FI,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	
		KG,	KM,	KN,	KP,	KR,	KZ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,	
		ME,	MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	
		PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	TJ,	TM,	
		TN,	TR,	TT,	TZ,	UA,	UG,	US,	UΖ,	VC,	VN,	ZA,	ZM,	ZW				
	RW:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FΙ,	FR,	GB,	GR,	HR,	HU,	
		IE,	IS,	IT,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,	
		TR,	BF,	BJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	
		TG,	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	

AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
PRIORITY APPLN. INFO:: US 2007-911264P P 20070411
OTHER SOURCE(S): MARPAT 149:471483

$$\begin{array}{c|c} & & & \\ & & \\ D_3C & & \\ &$$

- AB The title compds. with general formula I [wherein R1 = -C(R11)(R12)(R13); R2 = -C(R14)(R15)(R16); R3 = -C(R17)(R18)(R19); R4 = -C(R20)(R21)(R22); R5- R22 = independently hydrogen or deuterium, with the proviso that at least one of R5 - R22 is deuterium, and when R17, R18, and R19 are each deuterium, then at least one of R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R20, R21, and R22 is deuterium] or pharmaceutically acceptable salts, solvates, or prodrugs thereof were prepared as proton pump modulators. For example, 2-mercapto-5-(methoxy-d3)-3H-imidazolo[4,5b]pyridine (preparation given) was reacted with methanesulfonic acid d9-3,5-dimethyl-4-nitro-pyridin-2-ylmethyl ester (preparation given) for d12-2-[[(3,5-dimethyl-4-nitro-2-pyridinyl)methyl]thio]-5-methoxy-1Himidazo[4.5-b]pyridine, which was then reacted with d3-sodium methoxide in d4-methanol, oxidized with MCPBA, and finally treated with deuterium oxide to give II as a final product. The invention compds. were evaluated for their proton pump modulatory activity.
- IT 113712-98-4, Tenatoprazole 169590-42-5, Celecoxib RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(codrug; preparation of deuterium enriched tenatoprazole derivs. as proton pump modulators)

RN 113712-98-4 CAPLUS

CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]- (CA INDEX NAME)

169590-42-5 CAPLUS RN CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1yl]- (CA INDEX NAME)

L5 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1251528 CAPLUS

DOCUMENT NUMBER: 149:471481

TITLE: Substituted benzimidazoles as proton pump modulators and their preparation and use in the treatment of

INVENTOR(S): Gant, Thomas G.; Sarshar, Sepehr PATENT ASSIGNEE(S): Auspex Pharmaceuticals, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 69pp.

CODEN: USXXCO DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.					KIND DATE			APPLICATION NO.						DATE			
US	2008	255	200		A1					US 2008-100992 WO 2008-US59938						0080	410
WO	2008				A2 20081030										0800		
	₩:	ΑE,	AG,	AL,	AM,	AO,	AT,	AU,	AZ,	BA,	BB,	BG,	BH,	BR,	BW,	BY,	BZ,
		CA,	CH,	CN,	co,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,
		FI,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,
		KG,	KM,	KN,	KP,	KR,	ΚZ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,
		ME,	MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,
		PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	TJ,	TM,
		TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW			
	RW:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FΙ,	FR,	GB,	GR,	HR,	HU,
		ΙE,	IS,	IT,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,
		TR,	BF,	BJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,
		TG,	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,
		AM,	AZ,	BY,	KG,	KZ,	MD,	RU,	TJ,	TM							

AB Disclosed herein are substituted benzimidazole-based proton pump modulators of formula I, processes of preparation thereof, pharmaceutical compns. thereof, and methods of use thereof. Compds. of formula I wherein R1 is CR14R16R17; R2 is CR18R19R20; R2 - R20 are independently H and D; provided that at least one of R3 - R20 is D; and pharmaceutically acceptable salts, solvates and prodrugs thereof, are claimed. Example compound II was prepared by a multistep procedure. The invention compds. were evaluated for their proton pump modulatory activity (some data given).

II

113712-98-4, Tenatoprazole 169590-42-5, Celecoxib RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(codrug; preparation of substituted benzimidazole-based proton pump modulators useful in treatment and prevention of proton pump-mediated disorders)

- RN 113712-98-4 CAPLUS
- CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2pyridinyl)methyllsulfinyll- (CA INDEX NAME)

- 169590-42-5 CAPLUS RN
- Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-CN v1]- (CA INDEX NAME)

L5 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:888510 CAPLUS

DOCUMENT NUMBER: 149:192025

TITLE: Xanthine oxidoreductase inhibitors plus

antiinflammatory agents for prevention of gout flares INVENTOR(S): Lademacher, Christopher; Mcdonald, Patricia; Ridge,

Nancy J.; Taneja, Rajneesh

PATENT ASSIGNEE(S): Tap Pharmaceutical Products, USA SOURCE: PCT Int. Appl., 43pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

	PATENT NO.					KIND DATE												
	080892			A1					WO 2	008-	JS51:	248						
W	: AE,	AG,	AL,	AM,	AO,	AT,	AU,	AZ,	BA,	BB,	BG,	BH,	BR,	BW,	BY,	BZ,		
	CA,	CH,	CN,	co,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,		
	FI,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,		
	KG,	KM,	KN,	KP,	KR,	KZ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,		
	ME,	MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,		
	PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	ТJ,	TM,		
	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW					
F	W: AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HR,	HU,		
	IE,	IS,	ΙT,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,		
	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,		
	TG,	BW,	GH,	GM,	KE,	LS,	MW,	ΜZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,		
	AM,	ΑZ,	BY,	KG,	KΖ,	MD,	RU,	ΤJ,	TM									
US 20	090042	887		A1		2009	0212		US 2	008-	1552	7		2	0080	117		
	PRIORITY APPLN. INFO.:			US 2007-881794P						1	P 20070119							
OTHER SOUR	OTHER SOURCE(S):				MARPAT 149:19202													

AB The invention relates to methods of preventing gout flares in a subject in need thereof by administering to the subject a therapeutically effective amount of at least one xanthine oxidoreductase inhibiting compound or salt thereof and at least one non-steroidal anti-inflammatory drug for a period of six months on a regular basis.

IT 113712-98-4, Tenatoprazole 113712-98-4D, Tenatoprazole,

salts, amides, or derivs. 169590-42-5, Celecoxib 169590-42-5D, Celecoxib, salts

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(xanthine oxidoreductase inhibitors plus antiinflammatory agents for

prevention of gout flares)

- RN 113712-98-4 CAPLUS
- CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]- (CA INDEX NAME)

- RN 113712-98-4 CAPLUS
- CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]- (CA INDEX NAME)

- RN 169590-42-5 CAPLUS
- CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]- (CA INDEX NAME)

- RN 169590-42-5 CAPLUS
- CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]- (CA INDEX NAME)

REFERENCE COUNT: THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:902714 CAPLUS

DOCUMENT NUMBER: 143:235463

TITLE: Combination of proton pump inhibitor, buffering agent,

and nonsteroidal anti-inflammatory agent INVENTOR(S): Proehl, Gerald T.; Olmstead, Kay; Hall, Warren

PATENT ASSIGNEE(S): Santarus, Inc., USA

SOURCE: PCT Int. Appl., 99 pp. CODEN: PIXXD2

DOCUMENT TYPE:

Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

	PATENT NO.				KIND DATE			APPLICATION NO.										
WO	2005	0769	87		A2 20050825 A3 20060608									20050204				
	W:	CN, GE,	CO, GH,	CR, GM,	CU, HR,	CZ, HU,	AU, DE, ID,	DK,	DM, IN,	DZ, IS,	EC, JP,	EE, KE,	EG, KG,	ES, KP,	FI, KR,	GB, KZ,	GD, LC,	
	DM.	NO, TJ,	NZ, TM,	OM, TN,	PG, TR,	PH, TT,	LV, PL, TZ,	PT, UA,	RO, UG,	RU, US,	SC, UZ,	SD, VC,	SE, VN,	SG, YU,	SK, ZA,	SL, ZM,	SY, ZW,	SM
	KW:	AZ, EE,	BY, ES,	KG, FI,	KZ, FR,	MD, GB,	MW, RU, GR, BF,	TJ, HU,	TM, IE,	AT, IS,	BE, IT,	BG, LT,	CH, LU,	CY, MC,	CZ, NL,	DE, PL,	DK, PT,	
311	2005	MR,	ΝE,	SN,	TD,	TG												
CA	2554 2005	271			A1		2005	0825		CA 2	005-	2554	271		2	0050	204	
	1718	303			A2			1108		EP 2	005-	7227	91		2	0050	204	
	K:	IE,		LT,	LV,		RO,											
	JP 2007522217 MX 2006009036				T	T 20070809			JP 2006-553174 MX 2006-9036									
	PRIORITY APPLN. INFO.:					.1 20001015			US 2004-543636P WO 2005-US3791									

Pharmaceutical compns. comprising a proton pump inhibitor, one or more buffering agent and a nonsteroidal anti-inflammatory drug are described. Methods are described for treating gastric acid-related disorders and

treating inflammatory disorders, using pharmaceutical compns. comprising a proton pump inhibitor, a buffering agent, and a nonsteroidal

anti-inflammatory drug. For example, a powder for suspension formulation contained omeprazole 20 mg, ibuprofen 400 mg, sodium bicarbonate 1895 mg, Xylitol 300 (sweetener) 2000 mg, sucrose (sweetener) 1750 mg, sucralose (sweetener) 125 mg, xanthan gum 17 mg, peach flavor 47 mg, and peppermint 26 mg.

113712-98-4, Tenatoprazole 169590-42-5, Celecoxib

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (combination of proton pump inhibitor, buffering agent, and NSAID agent for treatment of gastric acid-related disorders and inflammation)

RN 113712-98-4 CAPLUS

CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2pyridinyl)methyl]sulfinyl]- (CA INDEX NAME)

169590-42-5 CAPLUS RN

CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1vll- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:492425 CAPLUS

DOCUMENT NUMBER:

TITLE: Solid pharmaceutical formulations containing proton

pump inhibitors and nonsteroidal antiinflammatory agents

INVENTOR(S): Takada, Shigeyuki; Koyama, Hiroyoshi; Hamaguchi, Tadashi

PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp. CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGHAGE . Japanese

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005145894	A	20050609	JP 2003-386548	20031117
PRIORITY APPLN. INFO.:			JP 2003-386548	20031117
OTHER SOURCE(S):	MARPAT	143:13406		

- AB The invention relates to a solid pharmaceutical formulation characterized by containing granules or tablet of a proton pump inhibitor (PPI), and granules of a nonsteroidal antiinflammatory agent (NSAID), wherein the addition of the PPIN in the formulation prevents gastrointestinal injury due to NSAID. For example, a capsule containing lansoprazole granules (lansoprazole 30 mg) and diclofenac sodium sustained-release granules (diclofenac sodium 100 mg) was formulated.
- тт 113712-98-4, Tenatoprazole 169590-42-5, Celecoxib RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (solid pharmaceutical formulations containing proton pump inhibitors and nonsteroidal antiinflammatory agents)
- RN 113712-98-4 CAPLUS CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2pyridinyl)methyl|sulfinyl|- (CA INDEX NAME)

- 169590-42-5 CAPLUS RN
- Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1vll- (CA INDEX NAME)

L5 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2004:329905 CAPLUS

DOCUMENT NUMBER: 140:344896

TITLE: Pharmaceutical composition comprising tenatoprazole

and an anti-inflammatory drug INVENTOR(S):

Schutze, Francois; Charbit, Suzy; Ficheux, Herve; Homerin, Michel; Taccoen, Alain; Inaba, Yoshio PATENT ASSIGNEE(S): Negma Gild, Fr.; Mitsubishi Pharma Corporation

SOURCE: Fr. Demande, 15 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

	PATENT NO.						APPLICATION NO.										
	2845						2004	0423				-1311				0021	021
	2845																
CA	2503	211			A1		2004	0506		CA	2003	-2503	211		2	0031	021
WO	2004	0372	54		A1		2004	0506		WO	2003	-FR31	20		2	0031	021
												, BR,					
		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC	, EE	, EG,	ES,	FI,	GB,	GD,	GE,
		GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP	, KE	, KG,	KP,	KR,	KZ,	LC,	LK,
		LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK	, MN	, MW,	MX,	MZ,	NI,	NO,	NZ,
		OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SE	, SE	, SG,	SK,	SL,	SY,	ΤJ,	TM,
		TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC	, VN	, YU,	ZA,	ZM,	ZW		
	RW:											, UG,					
		KG,	KZ,	MD,	RU,	ΤJ,	TM,	ΑT,	BE,	BG	, CH	, CY,	CZ,	DE,	DK,	EE,	ES,
												, PT,					
												, ML,					
AU	2003	2854	24		A1		2004	0513		ΑU	2003	-2854	24		2	0031	021
										EΡ	2003	-7784	25		2	0031	021
EP	1553																
	R:											, LI,					
		IE,	SI,	LT,	LV,	FΙ,	RO,	MK,	CY,	AL	, TR	, BG,	CZ,	EE,	HU,	SK	
BR	2003	0154	55		A		2005	0823		BR	2003	-1545 -5461	5		2	0031	021
JP	2006	5063	76		Т		2006	0223		JP	2004	-5461	12		2	0031	021
CN	1744	897			A		2006	0308		CN	2003	-8010 -7784	7201		2	0031)21
CN	1003	7624	5		C		2008	0326							_		
AT	3269	68			Т		2006	0615		AT	2003	-7784	25		2	0031	021
PT	1553	942			T		2006	1031		PT	2003	-7784	25		21	0031)21
												-7784					
					AΙ		2006	1221				-5320					
PRIORIT	I APP	LIN.	TMFO	. :								-1311					
										WO	2003	-FR31	20		n Z	0031	JZI

- AB A pharmaceutical composition comprises a combination of tenatoprazole and one or more NSAID and the inhibitors of cyclooxygenase-2 inhibitors for the treatment of the painful and inflammatory symptoms. A tablet contained tenatoprazole 20, diclofenac 100, and excipients q.s. 300 mg. Efficacy of the tablet in the treatment of patients with inflammation and pain is shown
- IT 113712-98-4, Tenatoprazole 169590-42-5, Celecoxib 335299-59-7 335299-60-0 884304-68-1
 - 884304-69-2

RN

- RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 - (pharmaceutical composition comprising tenatoprazole and anti-inflammatory drugs)
- 113712-98-4 CAPLUS
- CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]- (CA INDEX NAME)

- RN 169590-42-5 CAPLUS
- CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1yl]- (CA INDEX NAME)

- RN 335299-59-7 CAPLUS
- CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-, sodium salt (1:1) (CA INDEX NAME)

- Na
- RN 335299-60-0 CAPLUS
- CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-, potassium salt (1:1) (CA INDEX NAME)

RN 884304-68-1 CAPLUS

CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethy1-2pyridinyl)methyl]sulfinyl]-, magnesium salt (2:1) (CA INDEX NAME)

●1/2 Ma

RN 884304-69-2 CAPLUS

CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2pyridinyl)methyl]sulfinyl]-, calcium salt (2:1) (CA INDEX NAME)

●1/2 Ca

REFERENCE COUNT:

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 8 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2008:291166 USPATFULL

SUBSTITUTED BENZIMIDAZOLES TITLE:

INVENTOR(S):

Gant, Thomas G., Carlsbad, CA, UNITED STATES Sarshar, Sepehr, Cardiff by the Sea, CA, UNITED STATES AUSPEX PHARMACEUTICALS, INC., Vista, CA, UNITED STATES PATENT ASSIGNEE(S):

(U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 20080255200	A1	20081016	
APPLICATION INFO.:	US 2008-100992	A1	20080410	(12)

NUMBER DATE

PRIORITY INFORMATION: US 2007-911266P 20070411 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: GLOBAL PATENT GROUP - APX, Ms. LaVern Hall, 10411 Clayton Road, Suite 304, ST. LOUIS, Mo, 63131, US

NUMBER OF CLAIMS: 85 EXEMPLARY CLAIM: 1

LINE COUNT: 3639

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein are substituted benzimidazole-based proton pump modulators of Formula I, processes of preparation thereof, pharmaceutical compositions thereof, and methods of use thereof.

##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 113712-98-4, Tenatoprazole 169590-42-5, Celecoxib

(codrug; preparation of substituted benzimidazole-based proton pump modulators useful in treatment and prevention of proton pump-mediated disorders)

RN 113712-98-4 USPATFULL

CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]- (CA INDEX NAME)

RN 169590-42-5 USPATFULL

CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1yl]- (CA INDEX NAME)

L5 ANSWER 9 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2006:334669 USPATFULL

TITLE: Pharmaceutical composition combining tenatoprazole and an anti-inflamatory agent

INVENTOR(S): Schutze, Francois, 4, rue Charles Baudelaire,

Saint-Nom-La-Breteche, FRANCE F-78860

Charbit, Suzy, Creteil, FRANCE

Ficheux, Herve, Nogent-Sur-Marne, FRANCE Homerin, Michel, Courcouronnes, FRANCE Taccoen, Alain, Le Chesnay, FRANCE

Taccoen, Nathalie, Le Chesnay, FRANCE legal

representative Inaba, Yoshio, Chuo-Ku, Tokvo, JAPAN

PATENT ASSIGNEE(S):

Negma Gild, Toussus Le Noble, FRANCE, F-78117 (non-U.S.

corporation)

Mitsubishi Pharma Corporation, Tokyo, JAPAN, 103-8405

(non-U.S. corporation)

NUMBER KIND DATE PATENT INFORMATION: US 20060287284 20061221 Δ1 APPLICATION INFO.: US 2003-532041 A1 20031021 (10) WO 2003-FR3120 20031021

20060623 PCT 371 date

NUMBER DATE

PRIORITY INFORMATION: FR 2002-13115 20021021 DOCUMENT TYPE: Utility

FILE SEGMENT:

APPLICATION LEGAL REPRESENTATIVE: BUCHANAN, INGERSOLL & ROONEY PC, POST OFFICE BOX 1404,

ALEXANDRIA, VA, 22313-1404, US NUMBER OF CLAIMS:

EXEMPLARY CLAIM: 1 LINE COUNT: 371

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The invention relates to a novel pharmaceutical combination. The inventive pharmaceutical composition comprises a combination of tenatoprazole and one or more anti-inflammatory agents preferably selected from non-steroid anti-inflammatory agents and cyclooxygenase-2 inhibitors. The invention is suitable for the treatment of painful and inflammatory manifestations.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 113712-98-4, Tenatoprazole 169590-42-5, Celecoxib

335299-59-7 335299-60-0 884304-68-1 884304-69-2

(pharmaceutical composition comprising tenatoprazole and anti-inflammatory drugs)

RN 113712-98-4 USPATFULL

CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2pyridinyl)methyllsulfinyll- (CA INDEX NAME)

169590-42-5 USPATFULL RN

Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-CN vl]- (CA INDEX NAME)

RN 335299-59-7 USPATFULL

CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-, sodium salt (1:1) (CA INDEX NAME)

Na

RN 335299-60-0 USPATFULL

CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2pyridinyl)methyl]sulfinyl]-, potassium salt (1:1) (CA INDEX NAME)

• к

RN 884304-68-1 USPATFULL

CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-, magnesium salt (2:1) (CA INDEX NAME)

●1/2 Mg

- RN 884304-69-2 USPATFULL
- CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-, calcium salt (2:1) (CA INDEX NAME)

●1/2 Ca

L5 ANSWER 10 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2005:286542 USPATFULL

TITLE: Combination of proton pump inhibitor, buffering agent,

and nonsteroidal anti-inflammatory drug
INVENTOR(S): Proehl, Gerald T., San Diego, CA, UNITED STATES

Olmstead, Kay, San Diego, CA, UNITED STATES
Hall, Warren, Del Mar, CA, UNITED STATES

PATENT ASSIGNEE(S): Santarus, Inc. (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 20050249806 A1 200501110 APPLICATION INFO:: US 2005-51260 A1 20050204 (11)

NUMBER DATE

PRIORITY INFORMATION: US 2004-543636P 20040210 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD,

PALO ALTO, CA, 94304-1050, US

NUMBER OF CLAIMS: 38 EXEMPLARY CLAIM: 1

EXEMPLARY CLAIM: 1 LINE COUNT: 4004

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pharmaceutical compositions comprising a proton pump inhibitor, one or more buffering agent and a nonsteroidal anti-inflammatory drug are described. Methods are described for treating gastric acid related disorders and treating inflammatory disorders, using pharmaceutical compositions comprising a proton pump inhibitor, a buffering agent, and a nonsteroidal anti-inflammatory drug.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 113712-98-4, Tenatoprazole 169590-42-5, Celecoxib

(combination of proton pump inhibitor, buffering agent, and NSAID agent for treatment of gastric acid-related disorders and inflammation)

RN 113712-98-4 USPATFULL

CN 3H-Imidazo[4,5-b]pyridine, 5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2pyridinyl)methyl]sulfinyl]- (CA INDEX NAME)

RN 169590-42-5 USPATFULL

CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1vll- (CA INDEX NAME)

=> d his

(FILE 'HOME' ENTERED AT 09:43:42 ON 18 FEB 2009)

FILE 'REGISTRY' ENTERED AT 09:44:00 ON 18 FEB 2009

E "TENATOPRAZOLE"/CN 25 1 S E3

L2 6 S E3 OR E4 OR E5 OR E6 OR E7 OR E8

E "CELECOXIB"/CN 25

L3 1 S E3

L46 S E3 OR E4 OR E5 OR E6 OR E7 OR E8

FILE 'MEDLINE, CAPLUS, WPIDS, USPATFULL' ENTERED AT 09:46:28 ON 18 FEB

10 S L2 AND L4

L1

---Logging off of STN---

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL
FULL ESTIMATED COST	69.02	150.16
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL
CA SUBSCRIBER PRICE	-5.74	-5.74

STN INTERNATIONAL LOGOFF AT 09:48:03 ON 18 FEB 2009